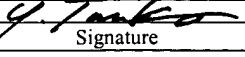


Express Mail No.: EV320117580US. I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

March 31, 2004 Date Mailed	Yuko Tanaka Name	 Signature	<u>March 31, 2004</u> Date
-------------------------------	---------------------	---	-------------------------------

Attorney's Docket No: 42P19119

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)
)
 YOUNG et al.) Examiner: Not Yet Assigned
)
Serial No: New Patent Application) Art Unit: Not Yet Assigned
)
Filing Date: Concurrently herewith)
)
For: SURFACE EMITTING LASER WITH AN)
 INTEGRATED ABSORBER)
)

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir/Madam:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

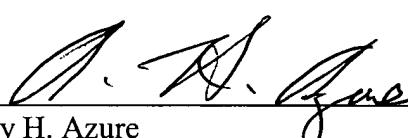
- XX 37 C.F.R. §1.97(b).
- 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
- A statement pursuant to 37 C.F.R. §1.97(e) or
- A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
- 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: Mar. 31, 2004


Anthony H. Azure
Reg. No. 52,580

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(206) 292-8600

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

(use as many sheets as necessary)

Complete if Known	
Application Number	New Application
Filing Date	Concurrently herewith
First Named Inventor:	YOUNG et al.
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

Sheet 1 of 2 Attorney Docket Number 42P19119

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	1.	WO 01/59895 A1	08-16-2001	GIGATERA AG		

Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet	2	of	2	Attorney Docket Number	42P19119
-------	---	----	---	------------------------	----------

Complete if Known

Application Number	New Application
Filing Date	Concurrently herewith
First Named Inventor:	YOUNG et al.
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	2.	HOOGLAND et al., "Passively Mode-Locked Diode-Pumped Surface-Emitting Semiconductor Laser," <i>IEEE PHOTONICS TECHNOLOGY LETTERS</i> , vol. 12, No. 9, September 2000 , pp. 1135-1137	
	3.	KARDOSH, IHAB et al., "Vertical-Extended-Cavity Surface-Emitting Lasers," <i>Annual Report 2002, Optoelectronics Department, University of Ulm</i> , pp. 1-7	
	4.	BROWNELL, MICHAEL, "External Cavity Design Yields Ultrafast VCSEL," <i>spie's oemagazine</i> , May 2002, pp. 10-11,	
	5.	HÄRING, RETO et al., "High-Power Passively Mode-Locked Semiconductor Lasers," <i>IEEE JOURNAL OF QUANTUM ELECTRONICS</i> , vol. 38, No. 9, September 2002, pp. 1268-1275	
	6.	JASIM, K. et al., "Passively Modelocked Vertical Extended Cavity Surface Emitting Diode Laser," <i>ELECTRONICS LETTERS</i> , vol. 39, No. 4, 20 th February 2003, pp. 373-375	
	7.	McINERNEY, J.G. et al., "High-Power Surface Emitting Semiconductor Laser with Extended Vertical Compound Cavity," <i>ELECTRONICS LETTERS</i> , vol. 39, No. 6, 20 th March 2003, pp. 523-525	
	8.	LUTGEN, S. et al., "8-W High-Efficiency Continuous-Wave Semiconductor Disk Laser at 1000 NM," <i>APPLIED PHYSICS LETTERS</i> , vol. 82, No. 21, 26 May 2003, pp. 3620-3622	

Examiner Signature	Date Considered
--------------------	-----------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.